OIPE JC12 JUN 23 2005 PATENT & TRADEMARK OFFICE

KBR/jlv 1/10/00 3382-51286 MS116626.8

PATENT
Atty. Ref. No. 3382-51286

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Galen C. Hunt

Application No.: 09/196,836

Filed: November 20, 1998

Art Unit: 2786

For: INSTRUMENTATION FOR RELATING INTERFACES AND UNITS, WRAPPING INTERFACES, HANDLING UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE LOCATION CONSTRAINTS

Date: January 10, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 10, 2000 as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Mark L. Becker, Esq.
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Applicant submits herewith information of which he is aware, and which he believes may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

Applicant calls the Examiner's attention to the following co-pending U.S. patent application, which is commonly assigned as the above-referenced patent application:

1) Application No. 09/349,732
For: SERVICE INSTALLATION ON A BASE FUNCTION AND PROVISION OF A PASS FUNCTION WITH A SERVICE-FREE BASE FUNCTION SEMANTIC
Applicant: Galen C. Hunt

In view of the secrecy provisions of 37 C.F.R. § 1.14, Applicant has not provided a copy of the above-referenced co-pending U.S. patent application because submitting a copy of the patent application could be viewed as a waiver of the confidentiality that the Applicant is guaranteed under 35 U.S.C. § 122 and 37 C.F.R. § 1.14. Applicant has not listed the co-pending application on an accompanying 1449 form and requests that it not be listed on the face of the patent, in the event that it issues, to preserve the secrecy of the co-pending application.

If a fee is required under 37 C.F.R. § 1.17(p), the Commissioner is hereby authorized to charge Deposit Account No. 02-4550.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL
LEIGH & WHINSTON, LLP

By: _____
Mark L. Becker
Registration No. 31,325

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KBR:jjv 1/10/00 3382-51286 MS116626.8

OIPE JC112 JUN 23 2005 U.S. PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket: 3382-51286	App: 09/196,836
	Applicant: Galen C. Hunt	
	Filed: 11/20/98	Art Unit: 2786

OTHER DOCUMENTS

			Aral, Ziya et al., "Efficient Debugging Primitives for Multiprocessors," ASPLOS-III Proceedings, Third International Conference on Architectural Support for Programming Languages and Operating Systems, Boston, Massachusetts, pp. 87-95 (April 1989)
			Aral, Ziya et al, "Non-Intrusive and Interactive Profiling in Parasight," ACM/SIGPLAN PPEALS 1988, New Haven, Connecticut, pp. 21-30. (July 1988)
			Osman, Eric, "DDT Reference Manual," Massachusetts Institute of Technology Artificial Intelligence Laboratory, Memo No. 147A, pp. 81 (September 1971)
			Evans, Thomas G., "On-Line Debugging Techniques: A Survey," AFIPS Conference Proceedings, Vol. 29, Fall Joint Computer Conference, pp. 37-50 (November 1966)
			Gill, S., "The Diagnosis of Mistakes in Programmes on the EDSAC," Proceedings of the Royal Society of London, Series A. Mathematical and Physical Sciences, Vol. 206, London, England, pp. 538-554 (May 1951)
			Kessler, Peter B., "Fast Breakpoints: Design and Implementation," Proceedings of the ACM SIGPLAN'90 Conference on Programming Language Design and Implementation, White Plains, New York, pp. 78-84 (June 1990)

EXAMINER:	DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 60; draw line through cite if not in conformance and not considered. Send copy.

CLIENT/MATTER NO. 3382-512816 ATTY/SEC KBR:BN

INVENTOR(S): Galen C. Hunt

SERIAL NO. 09/196,836 FILING DATE 11.20.98

The following, due _____, mailed 01.10.00
by First Class Mail, was received in the U.S. PTO on the date stamped hereon:

___ Amendment ___ After Final Rejection	___ Months Extension of Time
___ Notice to File Msg. Parts - Date JAN 18 2000	___ Letter to Official Draftsman
___ Comb. Decl./POA	___ Notice of Allowability
___ Verf'd. Stmt. Claiming Sm. Entity Status	___ Sht(s) Drawings ___ Formal
___ In connection with Issuance of a Patent	✓ IDS ✓ Form PTO-1449/Ref.
___ Supp. Declaration ___ Form PTOL-85b	___ Petition
___ Issue & Advance Order fees	✓ Transmittal Ltr. ✓ dupl. ~~tripl.~~
___ Surcharge - Late Filing Fee, Oath, or Declaration ___ Small Entity	___ All Others
___ Assignment to: _____	___ PTO 1595
___ Check No. _____ for $_____.	✓ Deposit Acct. 02-4550 Authority
___	

PATENT & TRADEMARK OFFICE

KBR:jjv 1/19/00 3382-51286 MS116626.8

PATENT
Atty. Ref. No. 3382-51286

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Galen C. Hunt

Art Unit: 2786

Application No.: 09/196,836

Filed: November 20, 1998

For: INSTRUMENTATION FOR RELATING INTERFACES AND UNITS, WRAPPING INTERFACES, HANDLING UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE LOCATION CONSTRAINTS

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on January 19, 2000, as First Class Mail in an envelope addressed to: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Stephen A. Wight, Esq.
Attorney for Applicant

Date: January 19, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 C.F.R. § 1.97(b)

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicant respectfully requests that these documents be listed as references cited on the issued patent.

This Information Disclosure Statement was filed before application received a first Office action on the merits. However, if a first Office action on the merits was mailed before this Information Disclosure Statement was filed, please charge any fees that may be required in connection with the filing of this Information Disclosure Statement, or credit overpayment, to Deposit Account No. 02-4550.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL
LEIGH & WHINSTON, LLP

By: _____
Stephen A. Wight
Registration No. 37,759

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KBR:jjv 1/19/00 3382-51286 MS116626.8

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket: 3382-51286	App: 09/196,836
	Applicant: Galen C. Hunt	
	Filed: 11/20/98	Art Unit: 2786

OTHER DOCUMENTS

			Keppel, David, "A Portable Interface for On-The-Fly Instruction Space Modification," University of Washington, Seattle, Washington, pp. 86-94 (1991)
			Larus, James R. et al., "EEL: Machine-Independent Executable Editing," SIGPLAN Conference on Programming Language Design and Implementation, pp. 291-300 (June 1995)
			Romer, Ted et al., "Instrumentation and Optimization of Win32/Intel Executables Using Etch," Proceedings of the USENIX Windows NT Workshop 1997, Seattle, Washington, pp. 1-7 (August 1997)
			Srivastava, Amitabh et al., "ATOM: A System for Building Customized Program Analysis Tools," Proceedings of the SIGPLAN '94 Conference on Programming Language Design and Implementation, Orlando, Florida, pp. 196-205 (June 1994)
			Zhang, Xiaolan et al., "System Support for Automated Profiling and Optimization," Proceedings of the Sixteenth ACM Symposium on Operating System Principles, Saint-Malo, France, 12 pages (October 1997)
			Lee, Dennis et al., "Execution Characteristics on Desktop Applications on Windows NT," 25th Annual International Symposium on Computer Architecture, 12 pages (June 1998)

EXAMINER:	DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 60; draw line through cite if not in conformance and not considered. Send copy.

CLIENT/MATTER NO. 3382 51286 ATTY/SEC KBR/GTN

INVENTOR(S): Hunt

SERIAL NO. 09/196,836 FILING DATE 11.20.98

The following, due _____, mailed 01.19.00

by First Class Mail, was received in the U.S. PTO on the date stamped hereon:

___ Amendment After Final Rejection	___ Months Extension of Time
___ Notice to File Msg. Parts - Date _____	___ Letter to Official Draftsman
___ Comb. Decl./POA	___ Notice of Allowability
___ Verf'd. Stmt. Claiming Sm. Entity Status	___ Sht(s) Drawings Formal
___ In connection with Issuance of a Patent:	✓ IDS ✓ Form PTO-1449/Ref.
___ Supp. Declaration ___ Form PTO-85b	___ Petition
___ Issue & Advance Order fees	✓ Transmittal Ltr. ✓ dupl. ~~tripl.~~
___ Surcharge - Late Filing Fee, Oath, or Declaration	___ Small Entity ___ All Others
___ Assignment to: _____	___ PTO 1595
___ Check No. _____ for $_____.	✓ Deposit Acct. 02-4550 Authority

PATENT AND TRADEMARK OFFICE FEB 02 2000

KBR:mlt 03/09/01 3382-51286 40363.doc

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hunt

Application No. 09/196,836

Filed: November 20, 1998

For: INSTRUMENTATION FOR RELATING INTERFACES AND UNITS, WRAPPING INTERFACES, HANDLING UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE LOCATION CONSTRAINTS

Examiner: Not yet assigned

Date: March 9, 2001

Art Unit: 2786

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on March 9, 2001 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Kyle B. Ringhart
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)

COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicant respectfully requests that these documents be listed as references cited on the issued patent.

Applicant filed this Information Disclosure Statement within three months of the filing date of a national application, within three months of the date of entry of the national stage as set forth in § 1.491 in an international application, before the mailing date of a first Office action on the merits, or before the mailing of a first Office action after the filing of request for continued examination under § 1.114. However, if the Patent Office determines that a fee is required for

Applicant to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL
LEIGH & WHINSTON, LLP

By _____
Kyle B. Rinehart
Registration No. 47,027

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
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Facsimile: (503) 228-9446
cc: Patent Group Docketing Dept. (116626.8)
Docketing

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket: 3382-51286	App: 09/196,836
	Applicant: Hunt	
	Filed: November 20, 1998	Art Unit: 2786

U.S. PATENT DOCUMENTS

Init.*		Number	Date	Name	Class	Sub	Filed
		5,193,180	03/09/93	Hastings			
		5,247,678	09/21/93	Littleton			
		5,535,329	07/09/96	Hastings			
		5,987,247	11/16/99	Lau			
		6,088,717	07/11/00	Reed et al.			
		6,112,304	08/29/00	Clawson			
		6,134,559	10/17/00	Brumme et al.			

EXAMINER:	DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket: 3382-51286	App: 09/196,836
	Applicant: Hunt	
	Filed: November 20, 1998	Art Unit: 2786

OTHER DOCUMENTS

			Galen C. Hunt and Michael L. Scott, "Coign: Automated Distributed Partitioning of Component Applications," Abstract from SOSP Work-in-Progress session, 1 pp. (October 1997).
			Galen C. Hunt and Michael L. Scott, "Coign: Automated, Distributed Partitioning of Component Applications," Poster from SOSP Work-in-Progress session, 9 pp. (October 1997).
			Galen C. Hunt and Michael L. Scott, "Contributions," Poster from SOSP Work-in-Progress session, 3 pp. (October 1997).
			Galen C. Hunt and Michael L. Scott, "Coign: Automated Distributed Partitioning of Component Applications," Presentation from SOSP Work-in-Progress session, 13 pp. (October 1997).
			Galen C. Hunt and Michael L. Scott, "Coign: Automated Distributed Partitioning of Component Applications," Slide Presentation from SOSP Work-in-Progress session, 5 pp. (October 1997).
			Kirtland, M., "Object-Oriented Software Development Made Simple With COM+ Runtime Services," Microsoft Systems Journal, Vol. 12, pp. 49-59 (November 1997).
			Narasimhan et al., "Exploiting the Internet Inter-ORB Protocol Interface to Provide CORBA With Fault Tolerance," Proceedings of the Third USENIX Conference on Object-Oriented Technologies and Systems, 11pp. (June 1997).
			Schmidt et al., "Object Interconnections, Object Adapters: Concepts and Terminology (Column 11)," SIGS C++ Report, 9pp (October 1997).
			Vinoski, S., "CORBA: Integrating Diverse Applications Within Distributed Heterogeneous Environments," IEEE Communications, 14(2) (February 1997).

EXAMINER:	DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket: 3382-51286	App: 09/196,836
	Applicant: Hunt	
	Filed: November 20, 1998	Art Unit: 2786

OTHER DOCUMENTS

			Wang et al., "COMERA: COM Extensible Remoting Architecture," Proceedings of the 4th USENIX Conference on Object-Oriented Technologies and Systems (COOTS '98), pp. 79-88 (April 1998).

EXAMINER:	DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

CLIENT/MATTER NO. 3382-512786 ATTY/SEC KBR:mlt

INVENTOR(S) Hunt

SERIAL NO. 09/196,836 FILING DATE 11.20.98

The following, due _____, mailed 3.9.01 ✓

by First Class Mail, was received in the U.S. PTO on the date stamped hereon:

OIPE MAR 13 2001 PATENT & TRADEMARK OFFICE

___ Amendment ___ After Final Rejection	___ Months Extension of Time
___ Notice to File Msg. Parts - Date _____	___ Letter to Official Draftsman
___ Comb. Decl./POA	___ Notice of Allowability
___ Verf'd. Stmt. Claiming Sm. Entity Status	___ Sht(s) Drawings ___ Formal
___ In connection with Issuance of a Patent:	___ IDS ✓ Form PTO-1449/Ref.
___ Supp. Declaration ___ Form PTOL-85B	___ Petition
___ Issue & Advance Order fees	___ Transmittal Ltr. ___ dupl. ___ tripl.
___ Surcharge - Late Filing Fee, Oath, or Declaration	___ Small Entity ___ All Others
___ Assignment to: _____	___ PTO 1595
___ Check No. _____ for $_____.	✓ Deposit Acct. 02-4550 Authority
___ _____	

KBR:eb 04/04/01 3382-51286 MS116626.8

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Galen C. Hunt

Application No. 09/196,836

Filed: November 20, 1998

For: INSTRUMENTATION FOR RELATING INTERFACES AND UNITS, WRAPPING INTERFACES, HANDLING UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE LOCATION CONSTRAINTS

Art Unit: 2786

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on April 4, 2001 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Kyle B. Rinehart
Attorney for Applicant

Examiner:

Date: April 4, 2001

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)

COMMISSIONER FOR PATENTS
Washington, DC 20231

Sir:

Listed on the accompanying form PTO-1449 and enclosed herewith are several English-language documents. Applicant respectfully requests that these documents be listed as references cited on the issued patent.

Applicant filed this Information Disclosure Statement within three months of the filing date of a national application, within three months of the date of entry of the national stage as set forth in § 1.491 in an international application, before the mailing date of a first Office action on the merits, or before the mailing of a first Office action after the filing of request for continued

examination under § 1.114. However, if the Patent Office determines that a fee is required for Applicant to file this Information Disclosure Statement, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this Information Disclosure Statement is enclosed.

Respectfully submitted,

KLARQUIST SPARKMAN CAMPBELL
LEIGH & WHINSTON, LLP

By _____
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cc: Patent Group Docketing Dept. (116626.8)
Docketing

KBR:elb 04/04/2001 3382-51286 44553

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Docket: 3382-51286	App: 09/196,836
	Applicant: Galen C. Hunt	
	Filed: November 20, 1998	Art Unit: 2786

U.S. PATENT DOCUMENTS

Init.*		Number	Date	Name	Class	Sub	Filed

FOREIGN PATENT DOCUMENTS

		Number	Date	Country	Class	Sub		

OTHER DOCUMENTS

			Zielinski et al., "A Tool for Monitoring Software-Heterogeneous Distributed Object Applications," Proc. 15th Int'l Conf. on Distributed Computing Systems, Vancouver, Canada, IEEE CS Press, pp. 11-18 (May 1995).

EXAMINER:	DATE

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Send copy.

BEST AVAILABLE COPY

CLIENT/MATTER NO. 3382-5,1286 ATTY/SEC KRA:eb

INVENTOR(S): Galen C. Hunt

SERIAL NO. 09/196,836 FILING DATE 11/20/98

The following, due _____, mailed 4/4/01

by First Class Mail, was received in the U.S. PTO on the date stamped hereon:

___ Amendment ___ After Final Rejection	___ Months Extension of Time
___ Notice to File Msg. Parts - Date	___ Letter to Official Draftsman
___ Comb. Decl./POA	___ Notice of Allowability
___ Verf'd. Stmt. Claiming Sm. Entity Status	___ Sht(s) Drawings ___ Formal
___ In connection with Issuance of a Patent:	___ IDS ___ Form PTO-1449/Ref.
___ Supp. Declaration ___ Form PTOL-85b	___ Petition
___ Issue & Advance Order fees	___ Transmittal Ltr. ___dupl. ___tripl.
___ Surcharge - Late Filing Fee, Oath, or Declaration	___ Small Entity ___ All Others
___ Assignment to: _____	___ PTO 1595
___ Check No. _____ for $_____.	✓ Deposit Acct. 02-4550 Authority
___	

APR 09 2001

PATENT TRADEMARK OFFICE

KBR:iar 06/26/03 3382-51286 202644 MS 116626.8

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Galen C. Hunt

Application No. 09/196,836

Filed: November 20, 1998

For: INSTRUMENTATION FOR RELATING INTERFACES AND UNITS, WRAPPING INTERFACES, HANDLING UNDOCUMENTED INTERFACES, AND DETECTING PAIR-WISE LOCATION CONSTRAINTS

Examiner: Not yet assigned

Date: June 26, 2003

Art Unit: n/a

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on June 26, 2003 as First Class Mail in an envelope addressed to: COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Kyle B. Kinehart
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. § 1.97(b)(3)

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Listed on the accompanying form PTO-1449 and enclosed herewith is an English-language document. Applicant respectfully requests that this document be listed as a reference cited on the issued patent.

Applicant filed this Information Disclosure Statement ("IDS") before the mailing date of a first Office action on the merits. As a result, no fee should be required to file this IDS. However, if the Patent Office determines that a fee is required for Applicant to file this IDS, please charge any such fees, or credit overpayment, to Deposit Account No. 02-4550. A **duplicate** copy of this IDS is enclosed.

The filing of this IDS shall not be construed to be an admission that the information cited in the statement is, or is considered to be, prior art or otherwise material to patentability as defined in Rule 56.

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

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cc: Client (116626.8)
Docketing

INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
	Attorney Docket Number	3382-51286
	Application Number	09/196,836
	Filing Date	November 20, 1998
	First Named Inventor	Galen C. Hunt
	Art Unit	n/a
	Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Name

FOREIGN PATENT DOCUMENTS

Examiner's Initials*	Cite No. (optional)	Number	Date	Country

Examiner's Initials*	Cite No. (optional)	OTHER DOCUMENTS
		Pietrek, "Learn System-Level Win32 Coding Techniques by Writing an API Spy Program," *Microsoft Systems Journal*, pp. 17-44 (December 1994).

EXAMINER SIGNATURE:	DATE CONSIDERED:

* Examiner: Initial if reference considered, whether or not in conformance with MPEP 609. Draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

[redacted]

BEST AVAILABLE COPY

CLIENT/MATTER NO. 3382-51286 ATTY/SEC KBK

INVENTOR(S): Galen C. Hunt

APP. NO. 09/196,836 FILING DATE 11.20.98

The following, due ___ ___, mailed 6.26.C

by First Class Mail, was received in the U.S. PTO on the date stamped hereon:

__ Amendment __ Marked Up Claims/Spec. __ After Final Rejection __ Extension of Time/Extension Fee for ____ Months	
__ Notice to File Missing Parts - Date _____ __ Notice to File Corrected App. Papers - Date _____ __ Comb. Dec./POA __ Sht(s) Drawings __ Late Fee	__ Ltr to Drafts __ Notice-A __ Sht(s) Dr
__ Issue Fee Transmittal (Form PTOL-85b) __ Supp. Dec. __ Issue/Adv. Order fees	__ Sequence Listing __ pag __ Stmt in Comp. __
X IDS X Form PTO-1449/Ref.	__ Petition
__ Assignment to: _____	__ Reco
__ Transmittal Ltr. + __1 __2 copy(ies)	__ Request for Corrected Filir
__ Check No. _____ for $_____	X Deposit Acct. 02-4550 A
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